

ABSTRACT OF THE DISCLOSURE

Abstract

~~Mobile radio transmitting/radio receiving device with a tunable antenna~~

- ~~In~~ A mobile radio transmitting and receiving device with a tunable antenna wherein,
5 in order to provide a transmission/reception capability in different frequency bands, with a
virtually constant, stable antenna gain, with a the radio ~~transmitting/radio~~ transmitting and
receiving device, a dielectric body which is mounted such that it can be moved is guided by
adjusting ~~means~~ part, which are controlled by a control device, in a near area of an antenna
body, such that the extent of an overlap of the two bodies in the near area of the antenna body
10 is changed until at least one physical input variable, which represents the reception and
transmission quality, reaches an optimum.

Figure 1